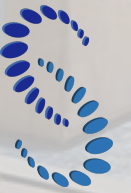


A modern office interior featuring glass partitions, wooden floors, and contemporary furniture. The space is bright and open, with large windows and a clean design.

IOT Occupancy Solution



*biz*SAFE₃

 www.securiko.com

 [securiko.indonesia](https://www.instagram.com/securiko.indonesia)

Type of Sensors

1 - Occupancy Analytics



2 - Air Quality



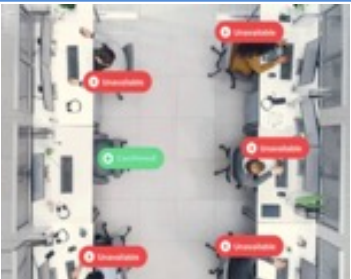
3 - Signs of Life™



4 - Utilisation Analytics



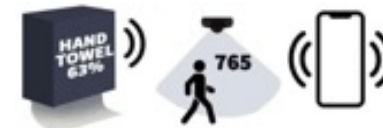
8 - Agile Seating



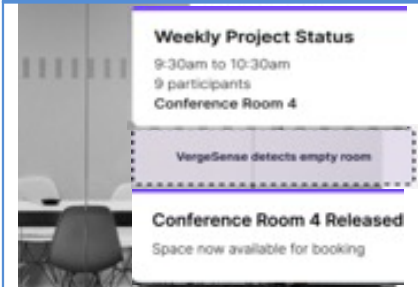
7 - Collaboration Distance Analytics



6 - Smart Washroom



5 - Room Reservations



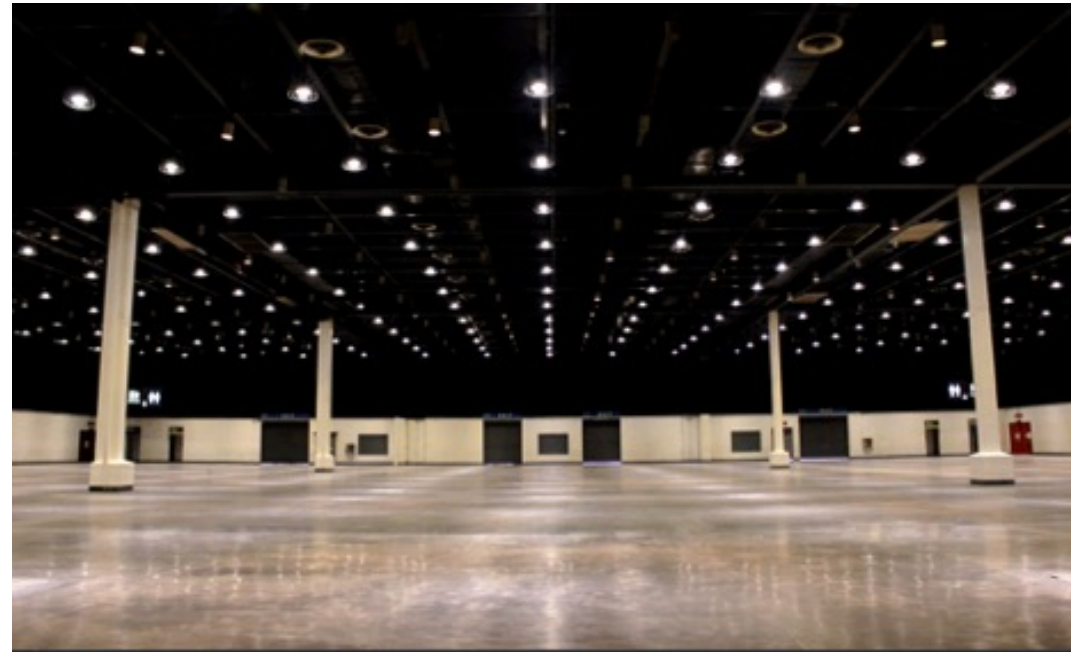
Use Case - Retail Stores

- Provide retail operations teams with data insights on customer visits, dwell time in the stores.
- Sensors are installed at areas of interest to track customer behaviour.
- Integrate people counting data with sales revenue for store performance measurements
- Manage staff to customer ratio to increase sales



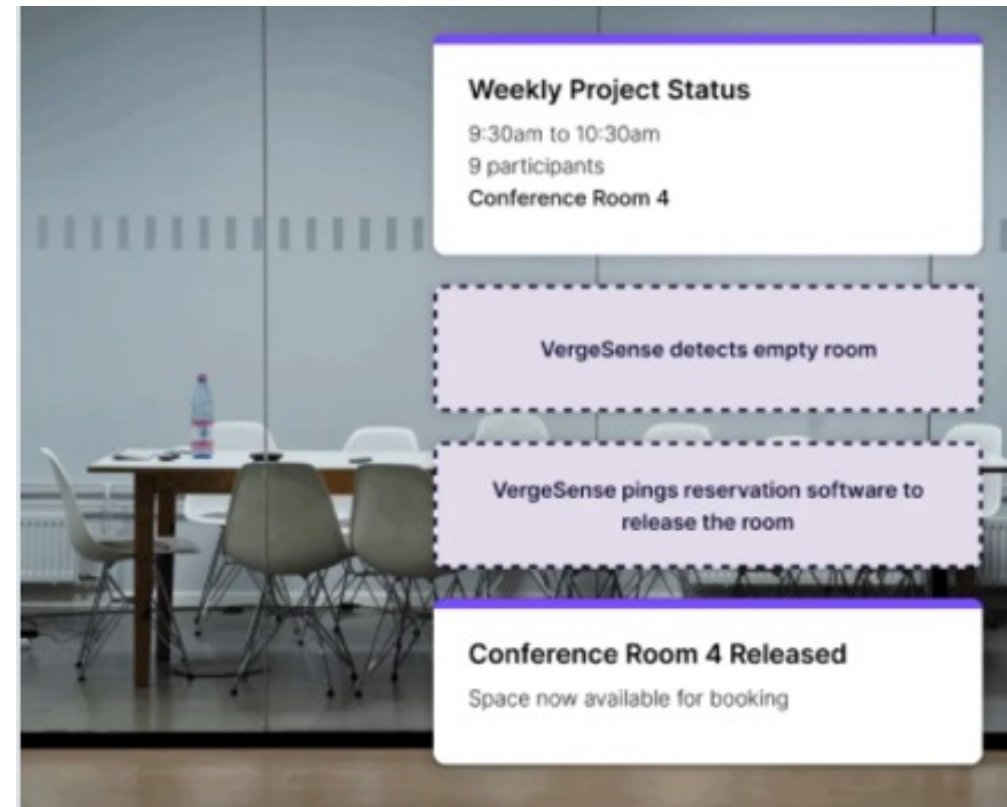
Use Case - Event Hall

- Our IoT Occupancy System leverages on sensors data to provide crowd control.
- Sensors are installed at perimeter entrances to track in and out people counts
- Facilities management team can also leverage on Indoor Air Quality (IAQ) Sensors to track the CO2 level, Air Pressure, Humidity and Temperature. Beam sensors to measure containers fill rates



Use Case - Meeting Room

- Provide real estate teams with accurate, real time room occupancy, allowing for more efficient usage of rooms and eliminating efforts to physically check room availability.
- Integrate with your room booking platform, to access comprehensive room analytics.
- Decide the time schedule for sanitisation of meeting rooms and ensure that social distancing measures are adhered to.



Use Case - Social Space



- Workplace design doesn't have to be guesswork. With data you can trust and insights curated to your business, we can help you design for better productivity and satisfaction.
- Agile seating opens up collaboration, driving better outcomes and fulfilled teams. Our solution helps your employees find and reserve an available seat in real-time.

Use Case - Washrooms



Use Beam Sensors to determine refills



Get notified when maintenance is needed



Count User Visits with Presence Sensor



Additional sensors can be added to washrooms to measure **trash bin, ambient lighting, temperature, humidity, water leakage** etc.



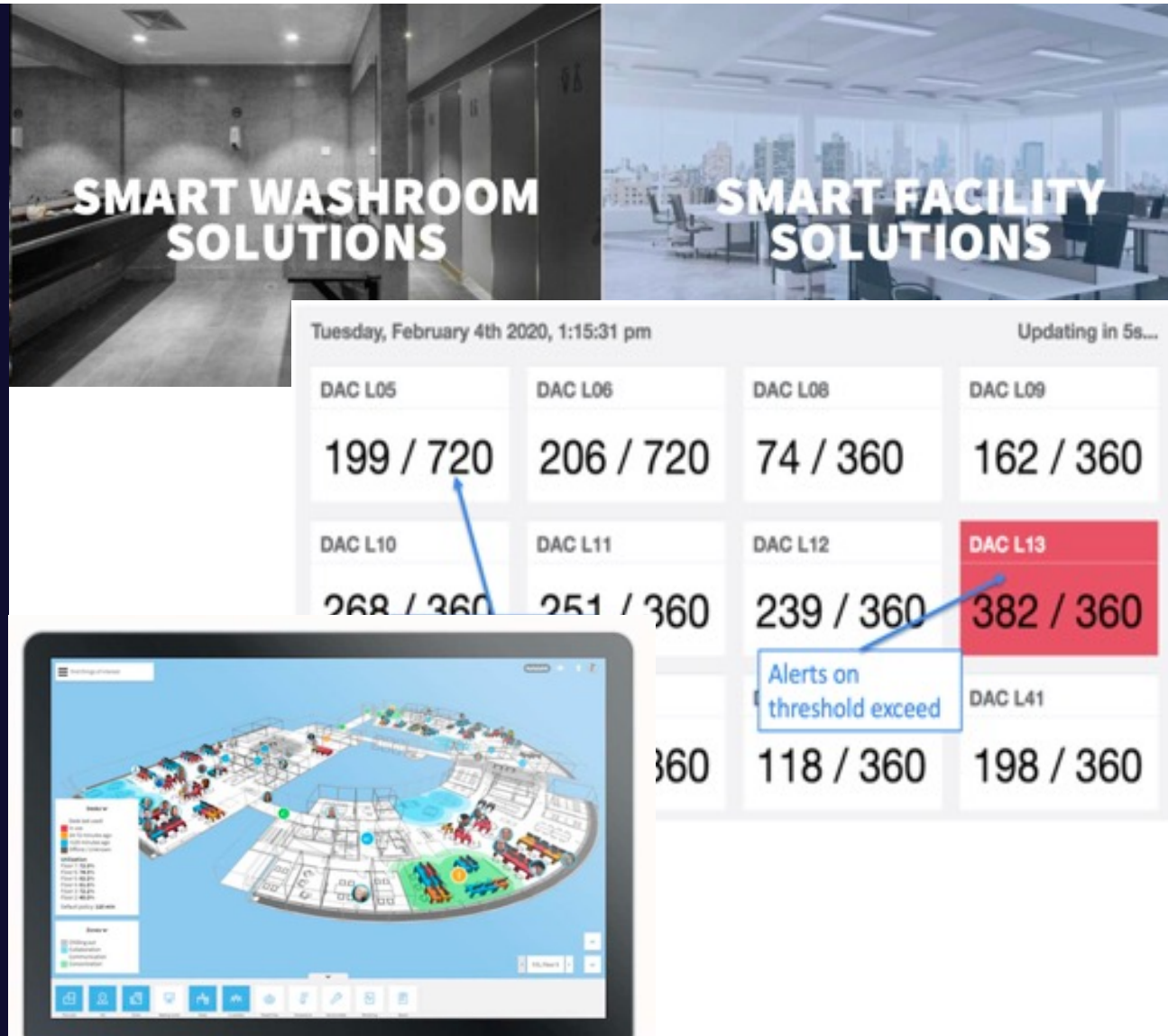
TrafficWIT 1.0



TrafficWIT Analytics

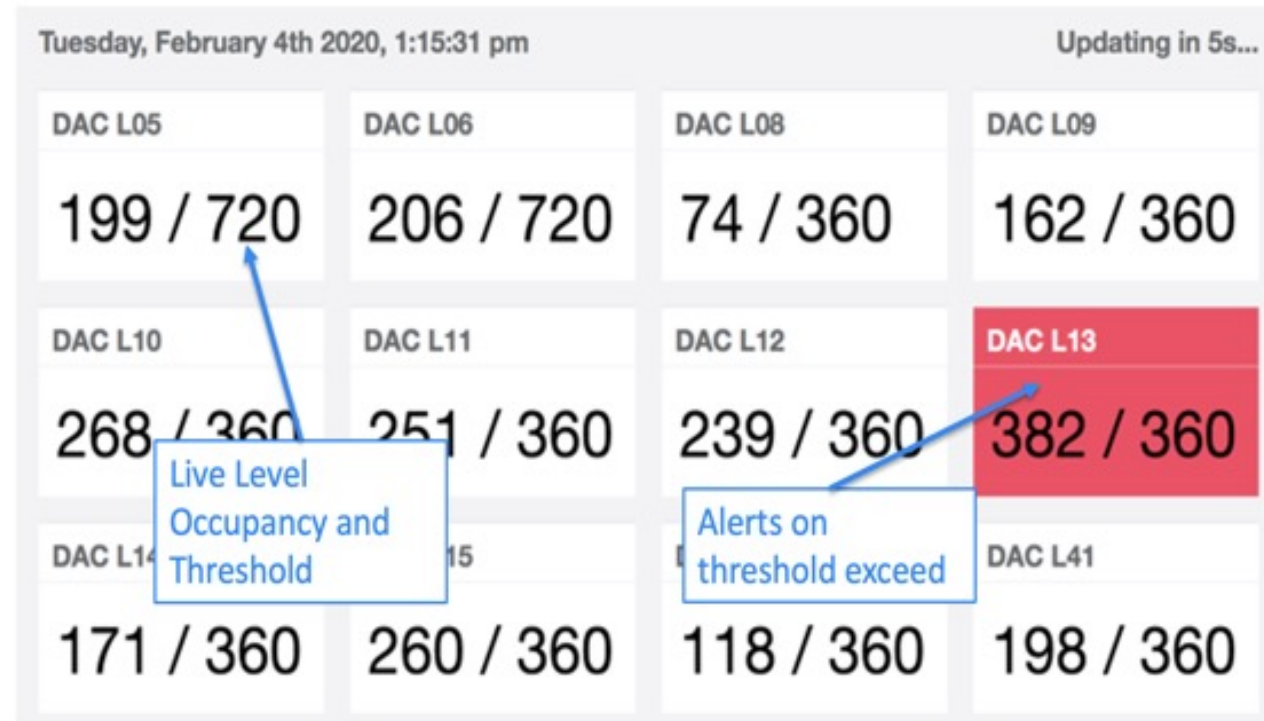
The TrafficWIT Platform collate and analyses data from the IOT sensors.

The cloud- based solution enables you to view both live and historical data of the building, identify strategic locations, behaviour pattern as well as monitoring the building performance. e.g. Occupancy, Air Quality, Smart Washroom, Ambient Lights, Door & Window monitoring.



Occupancy Analytics Live Dashboard

- Data are collected on cloud and displayed on our cloud platform
- Two States (<100%, ≥100%)
- Multiple Zone Display
- Daily Health Check
- Alert for Over-Limit or Sensor Down
- SMS and Email Alert Available
- Data Report Export Available
- API Available
- Access to your data anytime, anywhere.



Dashboard Summary

31

Number of Locations

31

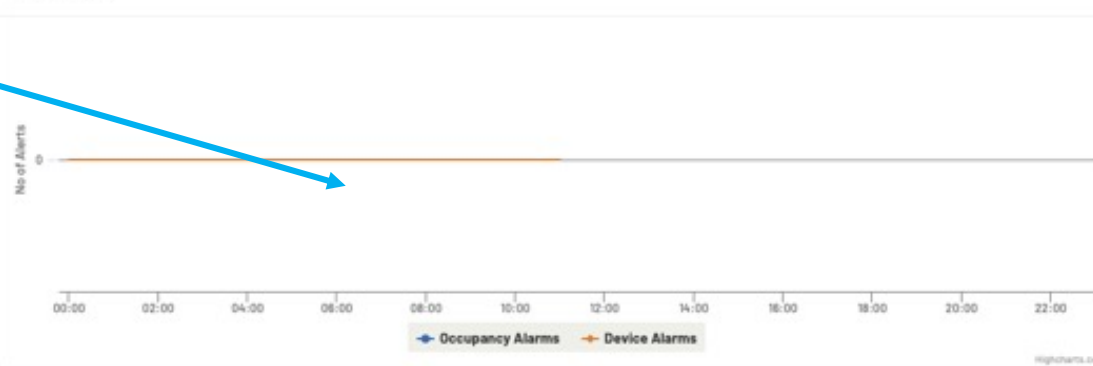
Number of Zones

94

Number of Devices

Alerts

Alerts Today



Sensors Status

Device Status



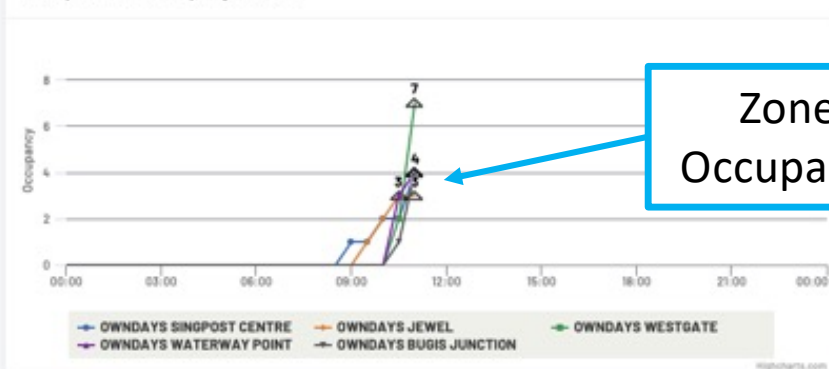
Total Occupancy

Customer Occupancy Statistic



Zone Occupancy

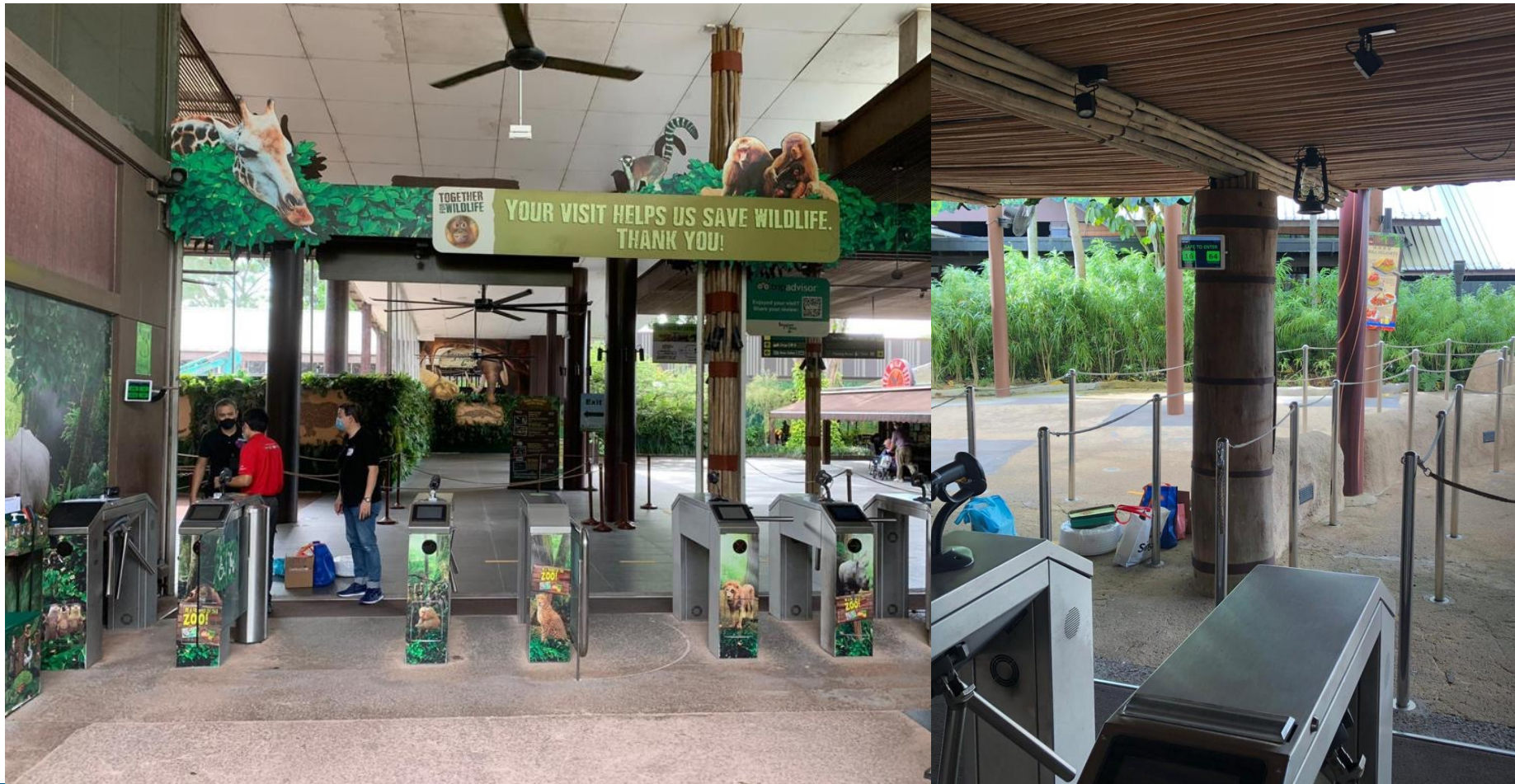
5 Hotspot Location Occupancy Statistic




People Counting at Singapore Zoo



People Counting at Singapore Zoo



Occupancy Data By Location

 **LIVE** February 3rd 2022, 07:26:31 PM

WRS Mandai ▾

Location Occupancy

467 / 8300

BuddyBarn

2 / 50

Kidz World

0 / 300

KW-Shop

0 / 50

Night Safari

461 / 1800

Reptopia

0 / 80

River Safari

1 / 2000

SG Zoo

5 / 4500

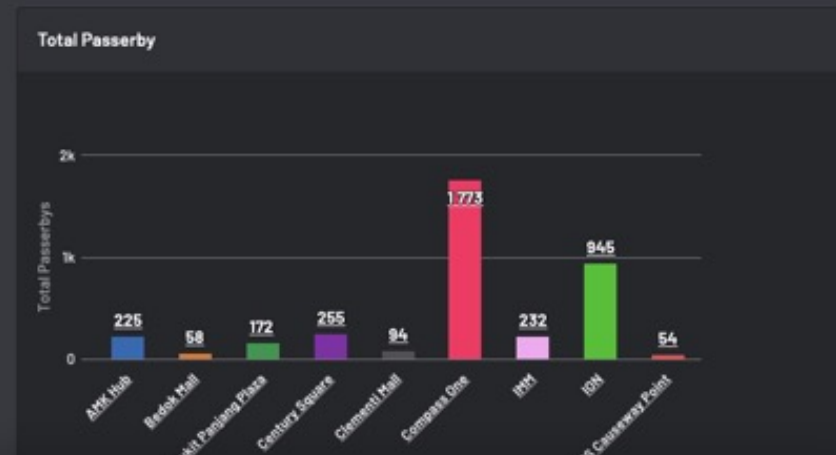
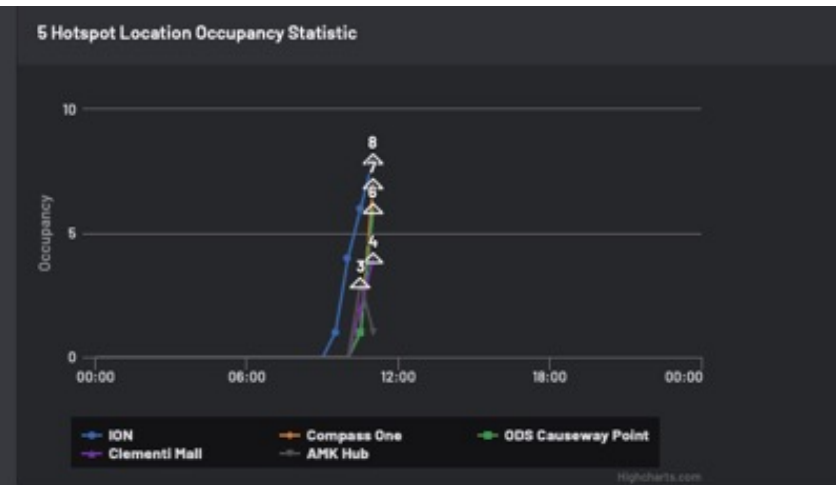
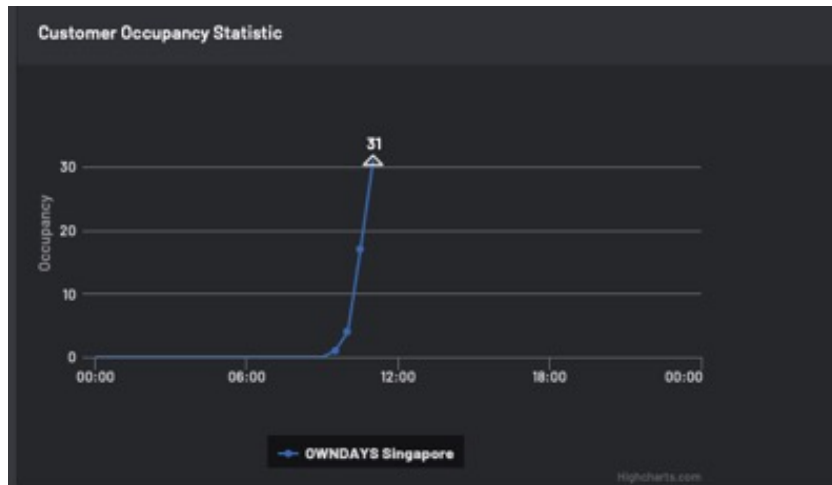


www.securiko.com

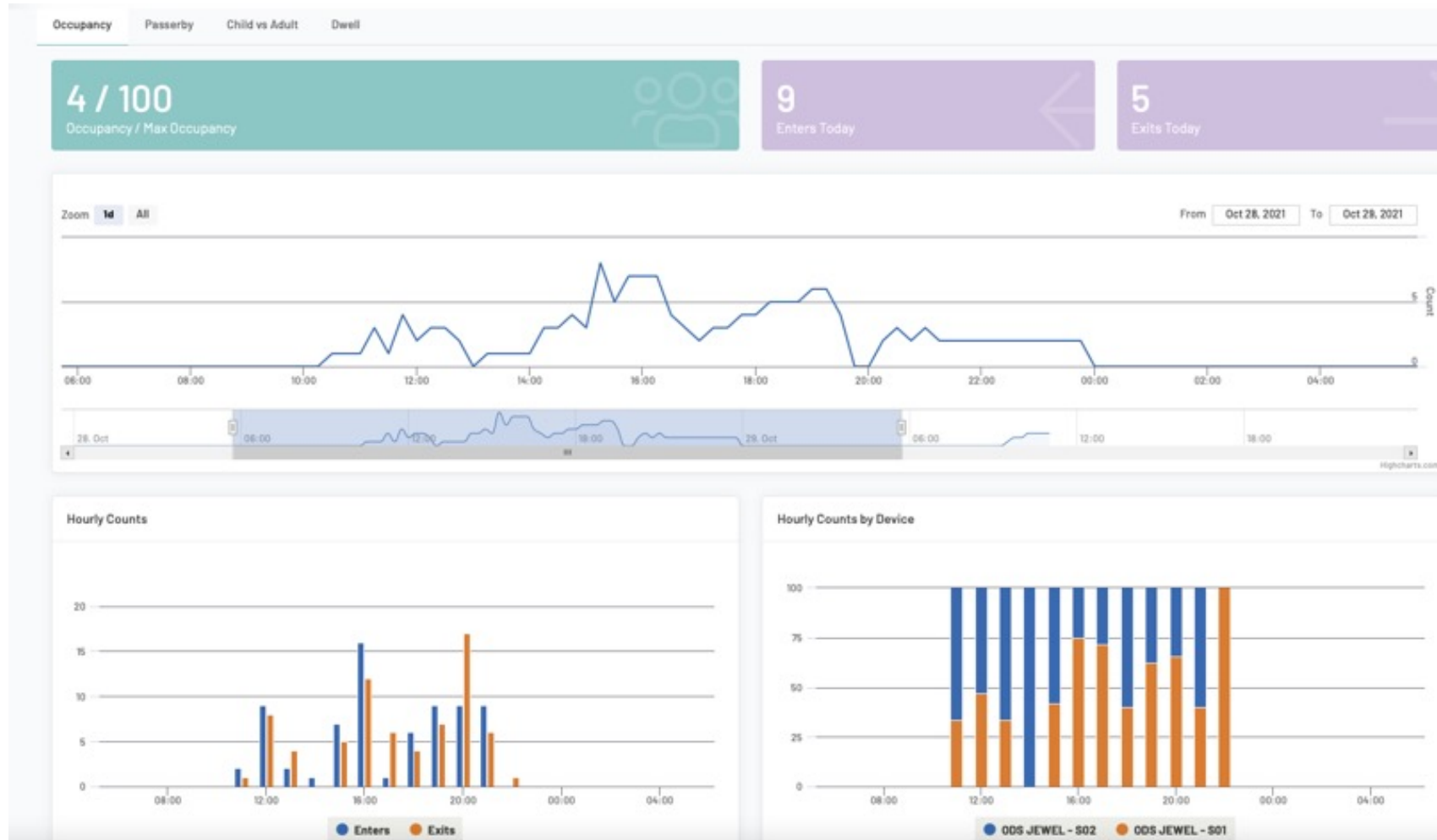


[securiko.indonesia](https://www.instagram.com/securiko.indonesia)

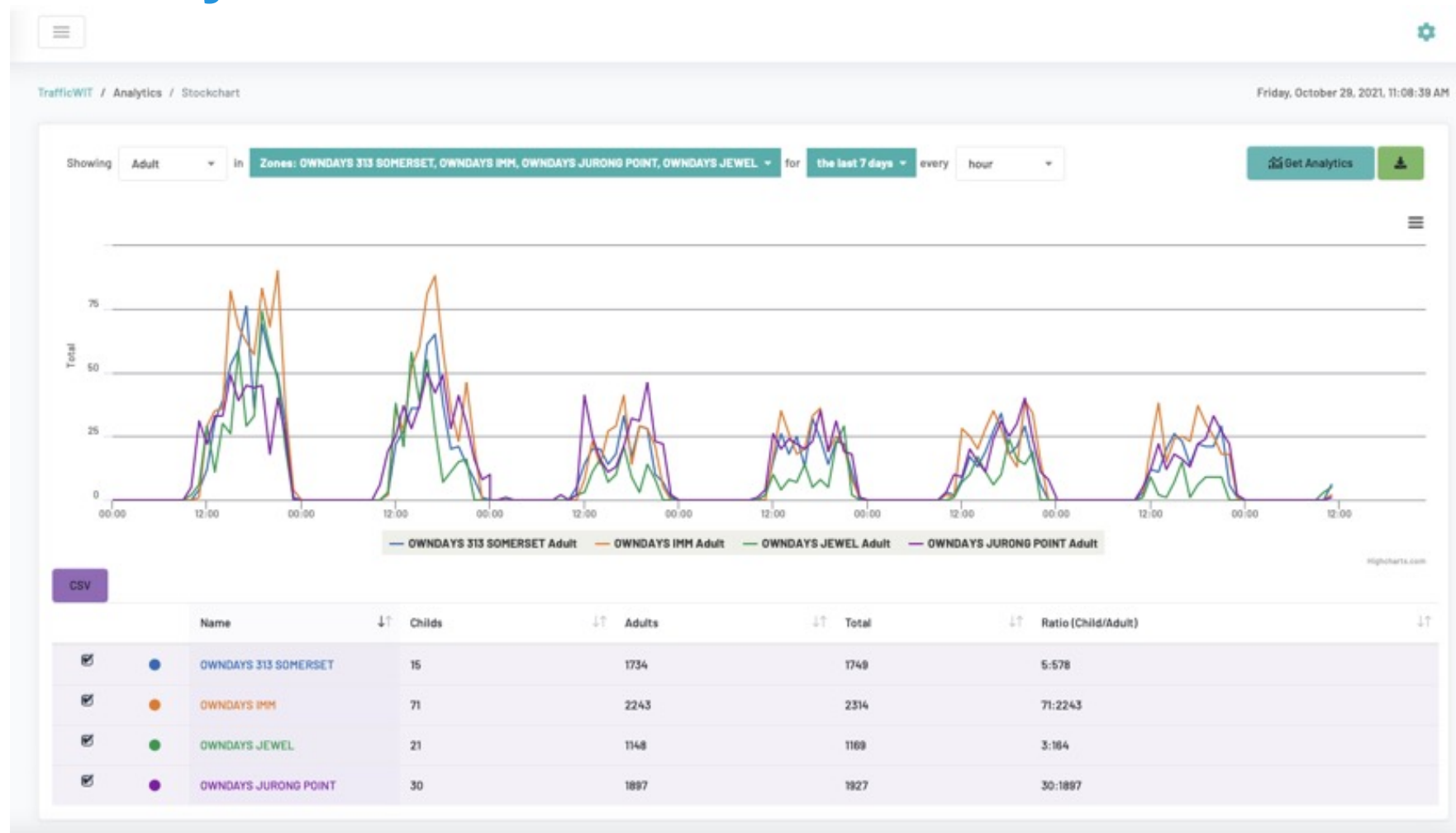
Retail Stores Overview



Store Dashboard



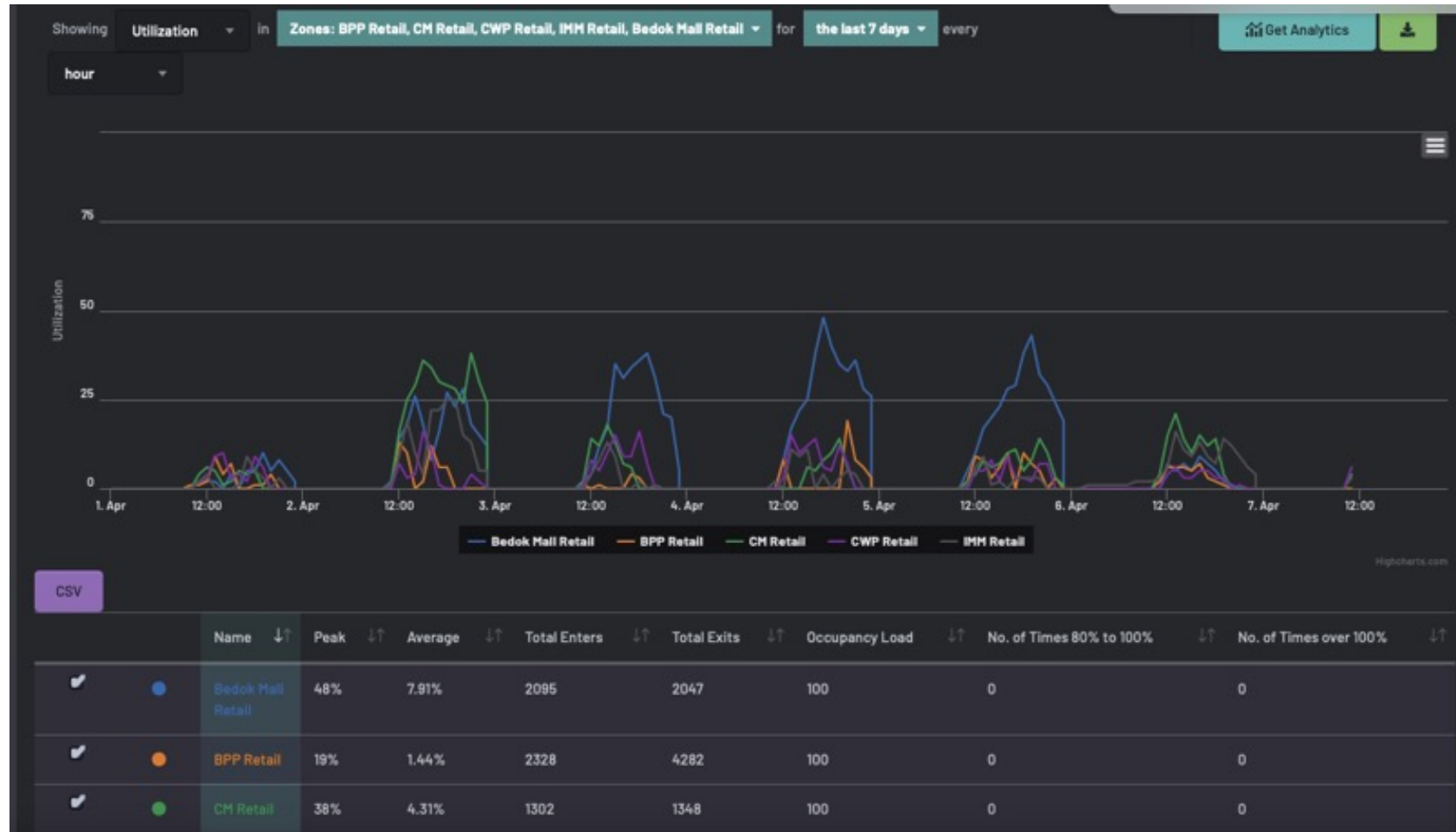
Store Analytics



Dwell Analytics



Utilization Data





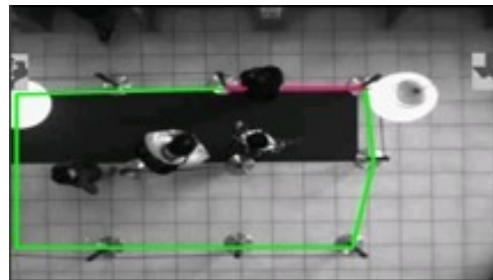
Flir 3D Sensors

Access the richest set of people count metrics

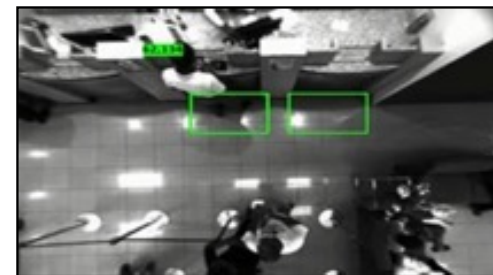
- Dynamic technology offering multiple metrics in a single device
- 4 core metrics provided
 - Counting Metrics
 - Enters & Exits
 - Queue Metrics
 - Number of User & Wait Times
 - Dwell Metrics
 - Dwell Arrivals & Dwell Times
 - Detection Metrics
 - Detection



Count Metrics



Queue Metrics



Dwell Metrics



Detection Metrics

Occupancy Analytics Solution

- **Uses Brickstream® sensors to count how many people enter and leave the space**
Gives business a clear picture of how many people are in the space
- **Provides real-time occupancy display**
Helps the business monitor visitor flow and manage crowd density, and allow visitors to plan their movements
- **Sends out alert when threshold exceeded**
Allows the operations team to react quickly in dispersing visitors and ensure there is no overcrowding
- **Reporting Dashboard**
Provides business with valuable insights to formulate plans for space reconfiguration, programme redesign, optimise staff planning and crowd management



Real Estate Applications



**CREATE VISIBILITY ON EFFECTIVE
SPACE UTILISATION WITH
OCCUPANCY AND ENVIRONMENT
SENSING**



**APPLY DATA BASED CLEANING TO
DRIVE EFFECTIVENESS, NEW
BUSINESS AND QUALITY OF SERVICE**

Facility Sensors

Facility owners & users want better data of their facilities usage to

- Optimize the working conditions – better productivity
- Optimize maintenance costs
- Optimize well-being of employees - less sick leaves

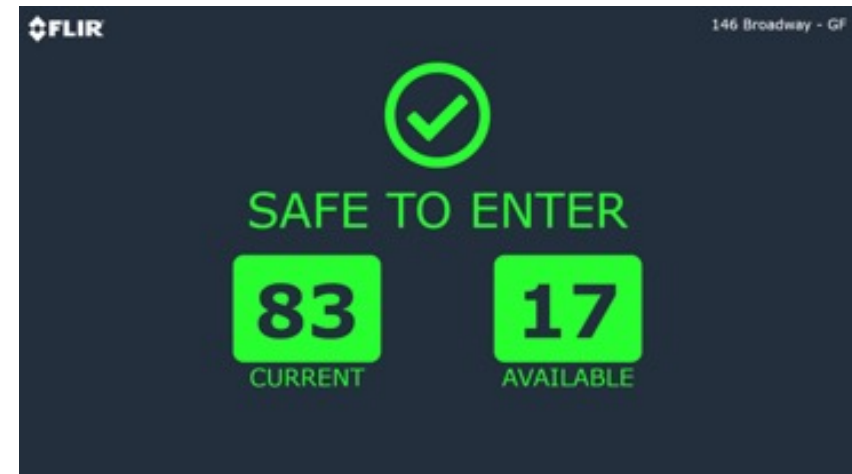
LIVE USE CASES:

- Room & Desk occupancy
- Visitor counting
- Environmental measurements
 - Temperature, humidity, Air Pressure, Illumination, CO2, TVOC measurements
- Container fill rate measurements
 - f.ex. trash bin fill rates

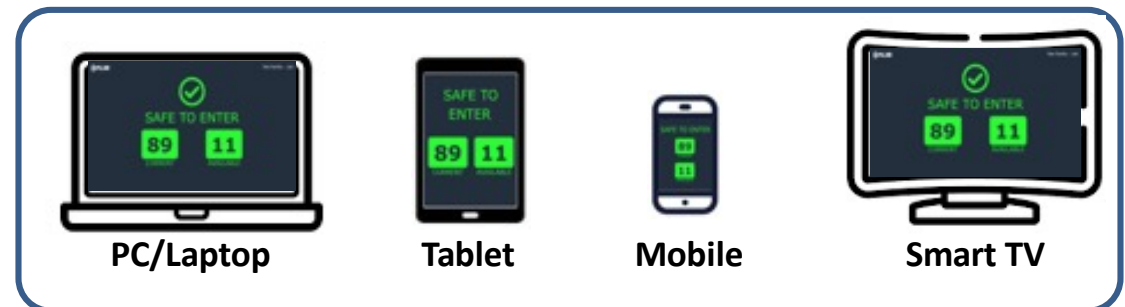


Occupancy Analytics Entrance Display

- Sensor hosts real-time dashboard viewable by browser-based devices on the network
- Configurable thresholds and messaging
- Three states ($<90\%$, $\geq 90\%$ to $<100\%$, $\geq 100\%$)
- Customisable dashboard
- Multilingual support for global deployments
- Self-contained solution (not reliant on cloud)



View this Dashboard on these devices, and more...



A modern office interior featuring glass partitions, yellow chairs, and a lounge area with blue chairs and a small table. The floor is made of light-colored wood.

Thank You



bizSAFE₃